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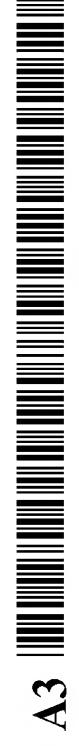
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(57) Abstract: The present invention is related to complex peptide mixtures with immunomodulatory effects and methods for their use. The invention is further directed toward treatments of diseases through the modulation of the immune system with complex peptide mixtures. The invention is also directed to methods for improving the characteristics of complex peptide mixtures.